

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031022AL\
 Data File : FC058680.D
 Signal(s) : FID1A.CH
 Acq On : 10 Mar 2022 21:43
 Operator : UA/NP
 Sample : N1845-15MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SAMPLE-15MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/11/2022
 Supervised By :Ankita Jodhani 03/11/2022

Integration File: sample.E
 Quant Time: Mar 11 01:25:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.403	3863859	26.528 ug/ml
Spiked Amount 50.000		Recovery =	53.06%
12) S 1-chlorooctadecane (S...	12.836	3118061	27.508 ug/ml
Spiked Amount 50.000		Recovery =	55.02%
Target Compounds			
1) T n-Nonane (C9)	3.257	3068740	25.519 ug/ml
2) T n-Decane (C10)	4.307	3588215	30.153 ug/ml
3) T A~Naphthalene (C11.7)	5.868	4245072	32.709 ug/ml
4) T n-Dodecane (C12)	6.300	4142585	33.675 ug/ml
5) T A~2-methylnaphthalene...	6.913	4508951	34.586 ug/ml
6) T n-Tetradecane (C14)	8.080	4659714	37.186 ug/ml
7) T n-Hexadecane (C16)	9.666	4910305	38.130 ug/ml
8) T n-Octadecane (C18)	11.096	5023916	38.178 ug/ml
10) T n-Eicosane (C20)	12.397	4855531	36.925 ug/ml
11) T n-Heneicosane (C21)	13.005	4774382	36.126 ug/ml
13) T n-Docosane (C22)	13.588	4773864	36.618 ug/ml
14) T n-Tetracosane (C24)	14.686	4596251	35.593 ug/ml
15) T n-Hexacosane (C26)	15.703	4665675	37.717 ug/mlm
16) T n-Octacosane (C28)	16.649	4716549	39.624 ug/mlm
17) T n-Tricontane (C30)	17.536	4705357	41.802 ug/mlm
18) T n-Dotriacontane (C32)	18.366	4520860	42.042 ug/mlm
19) T n-Tetratriacontane (C34)	19.147	4778477	49.318 ug/ml
20) T n-Hexatriacontane (C36)	19.886	4793273	53.131 ug/ml
21) T n-Octatriacontane (C38)	20.595	4271642	49.086 ug/mlm
22) T n-Tetracontane (C40)	21.428	4566588	54.418 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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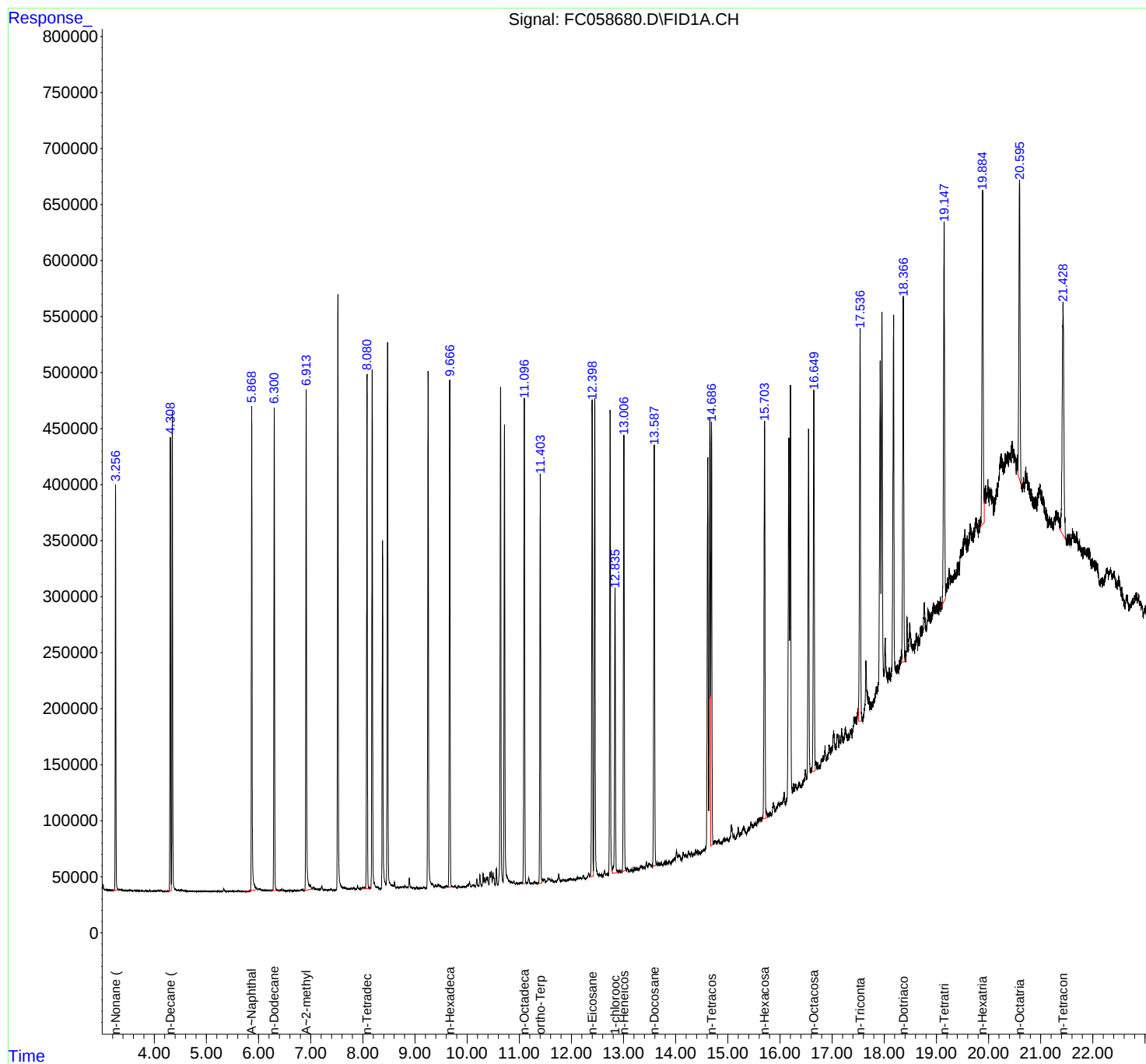
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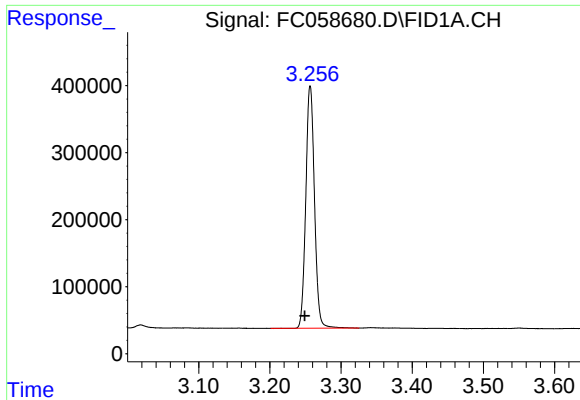
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#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: 0.008 min
Response: 3068740
Conc: 25.52 ug/ml

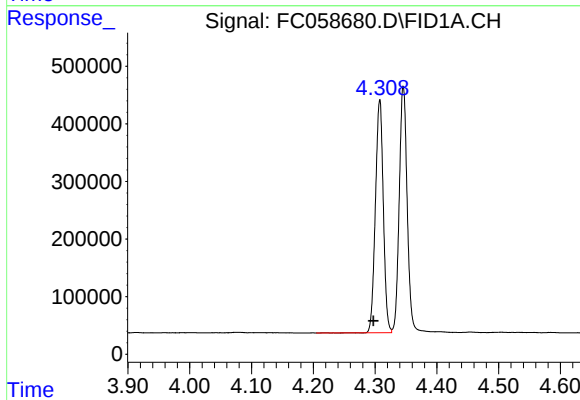
Instrument :

FID_C

ClientSampleId :
SAMPLE-15MS

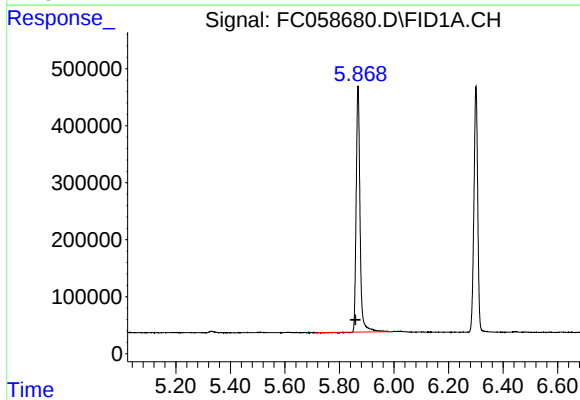
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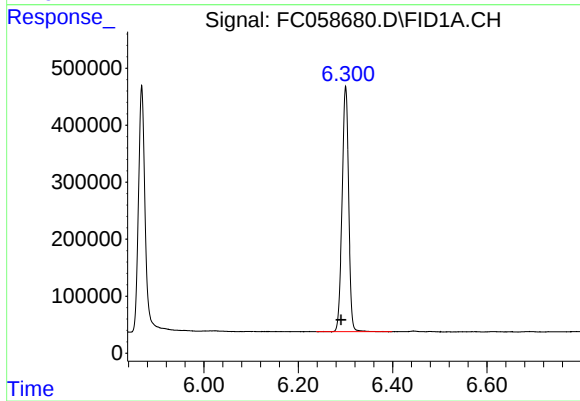
#2 n-Decane (C10)

R.T.: 4.307 min
Delta R.T.: 0.010 min
Response: 3588215
Conc: 30.15 ug/ml



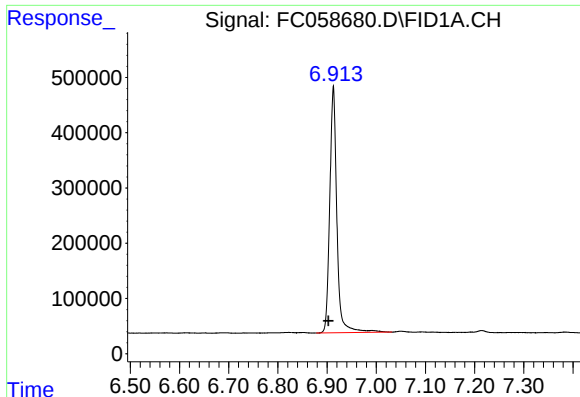
#3 A~Naphthalene (C11.7)

R.T.: 5.868 min
Delta R.T.: 0.009 min
Response: 4245072
Conc: 32.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.300 min
Delta R.T.: 0.009 min
Response: 4142585
Conc: 33.67 ug/ml



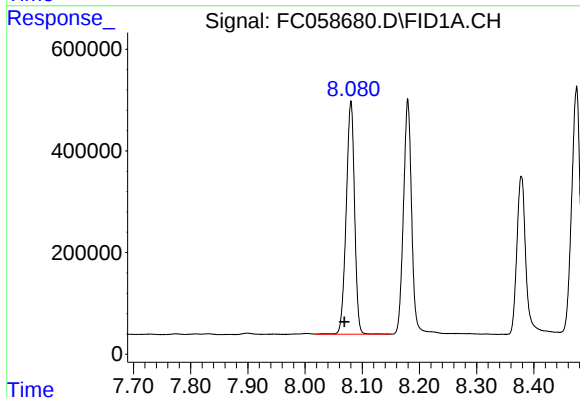
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: 0.010 min
Response: 4508951
Conc: 34.59 ug/ml

Instrument :
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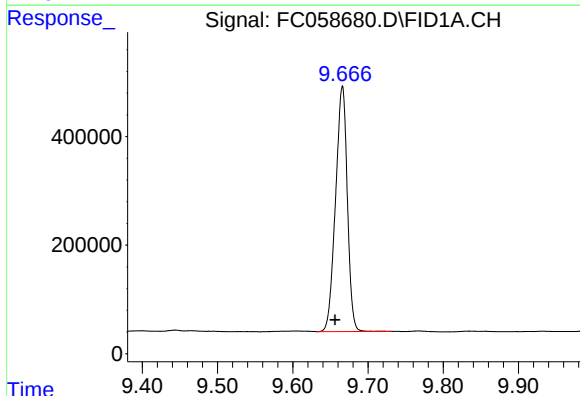
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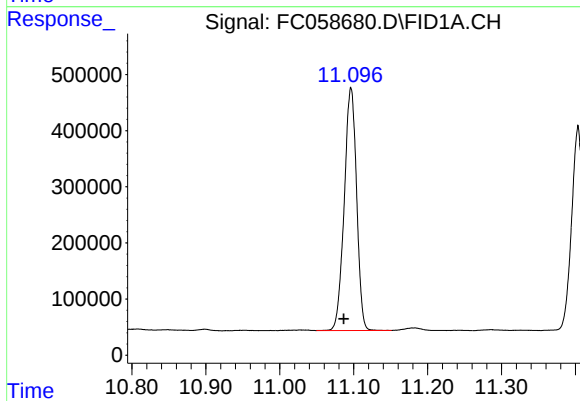
#6 n-Tetradecane (C14)

R.T.: 8.080 min
Delta R.T.: 0.011 min
Response: 4659714
Conc: 37.19 ug/ml



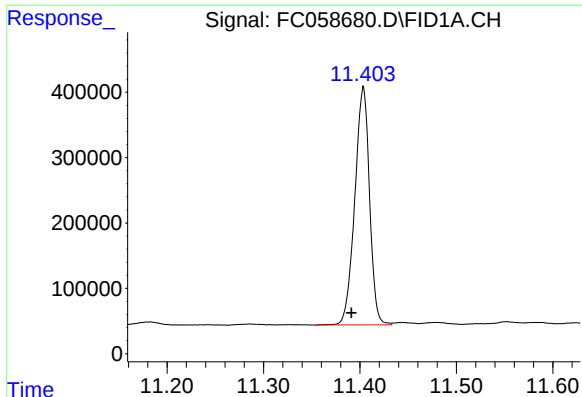
#7 n-Hexadecane (C16)

R.T.: 9.666 min
Delta R.T.: 0.009 min
Response: 4910305
Conc: 38.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.096 min
Delta R.T.: 0.010 min
Response: 5023916
Conc: 38.18 ug/ml



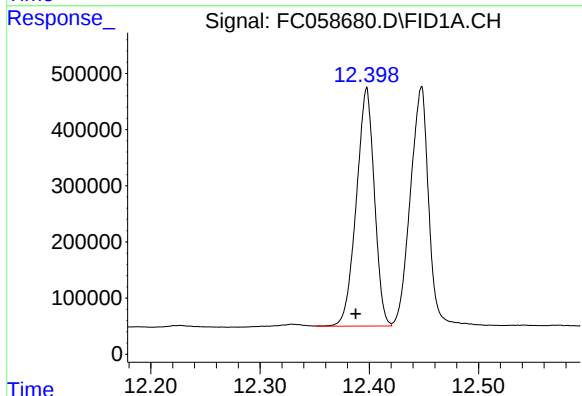
#9 ortho-Terphenyl (SURR)

R.T.: 11.403 min
Delta R.T.: 0.012 min
Response: 3863859
Conc: 26.53 ug/ml

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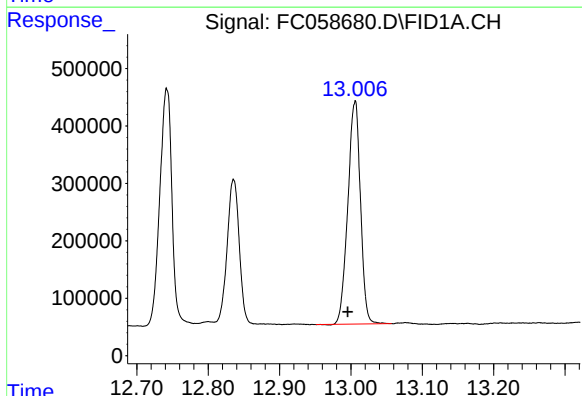
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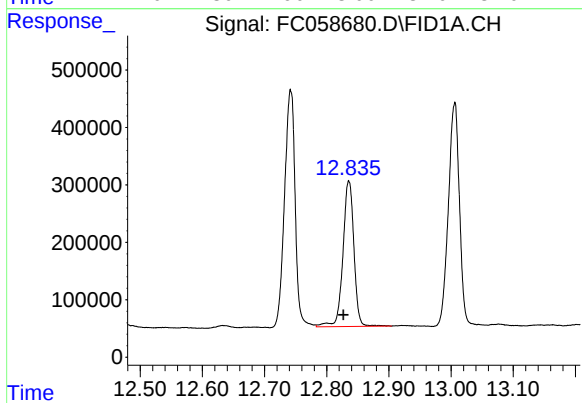
#10 n-Eicosane (C20)

R.T.: 12.397 min
Delta R.T.: 0.010 min
Response: 4855531
Conc: 36.92 ug/ml



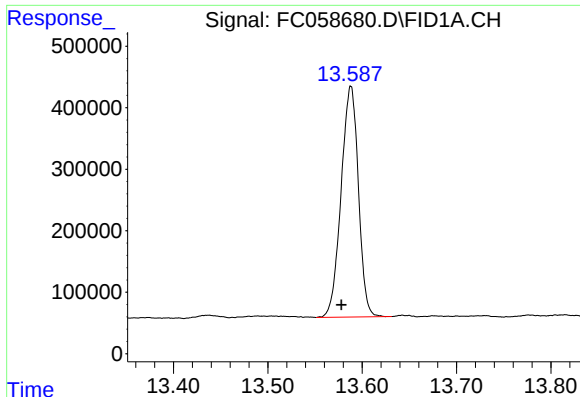
#11 n-Heneicosane (C21)

R.T.: 13.005 min
Delta R.T.: 0.010 min
Response: 4774382
Conc: 36.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.836 min
Delta R.T.: 0.009 min
Response: 3118061
Conc: 27.51 ug/ml



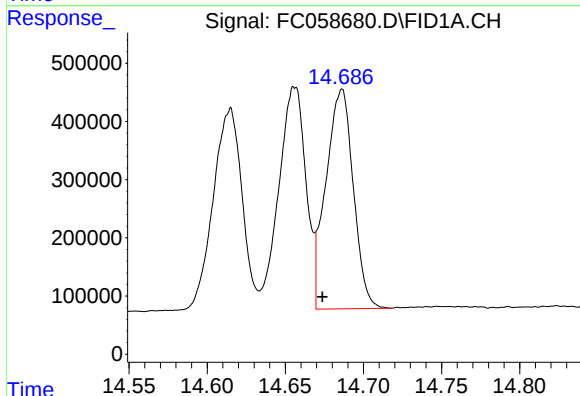
#13 n-Docosane (C22)

R.T.: 13.588 min
Delta R.T.: 0.010 min
Response: 4773864
Conc: 36.62 ug/ml

Instrument :
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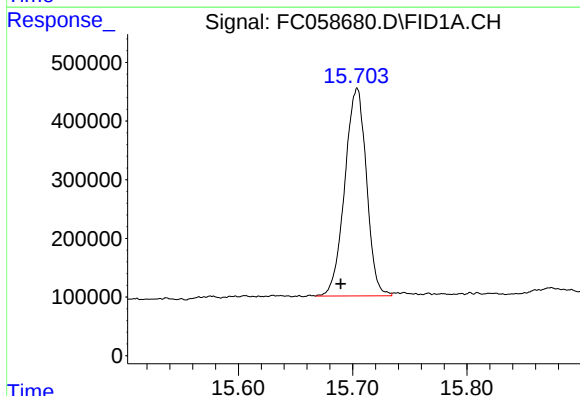
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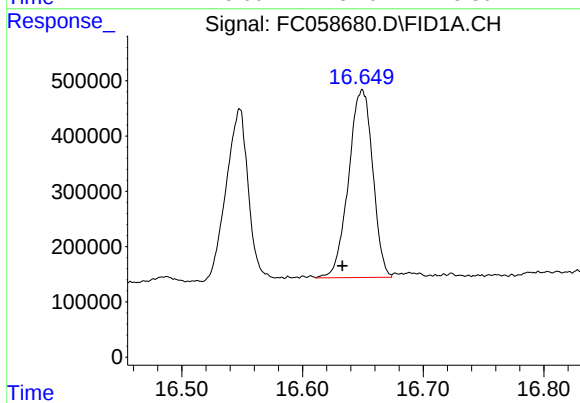
#14 n-Tetracosane (C24)

R.T.: 14.686 min
Delta R.T.: 0.012 min
Response: 4596251
Conc: 35.59 ug/ml



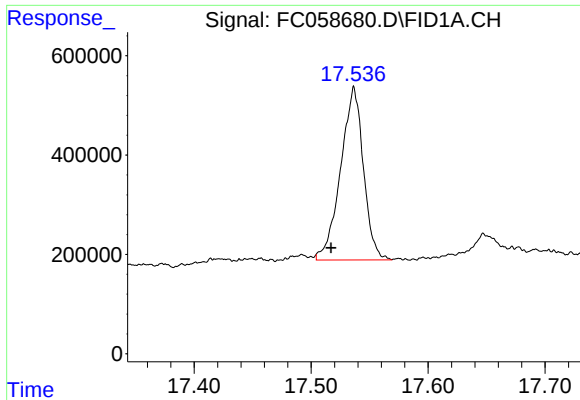
#15 n-Hexacosane (C26)

R.T.: 15.703 min
Delta R.T.: 0.014 min
Response: 4665675
Conc: 37.72 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.649 min
Delta R.T.: 0.016 min
Response: 4716549
Conc: 39.62 ug/ml m



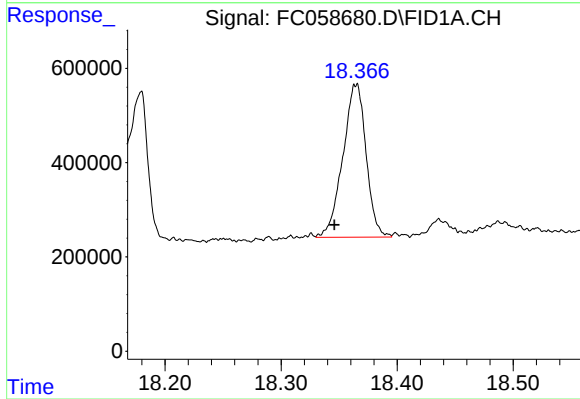
#17 n-Tricontane (C30)

R.T.: 17.536 min
Delta R.T.: 0.019 min
Response: 4705357
Conc: 41.80 ug/ml

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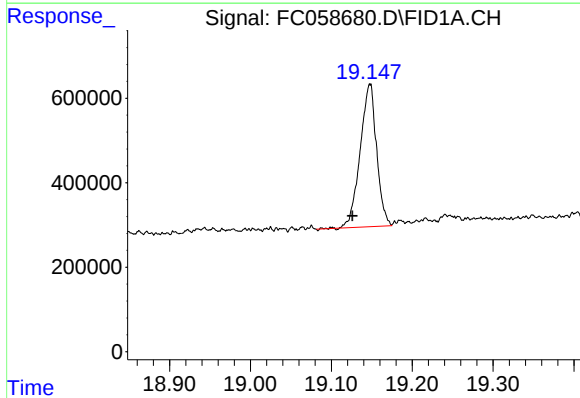
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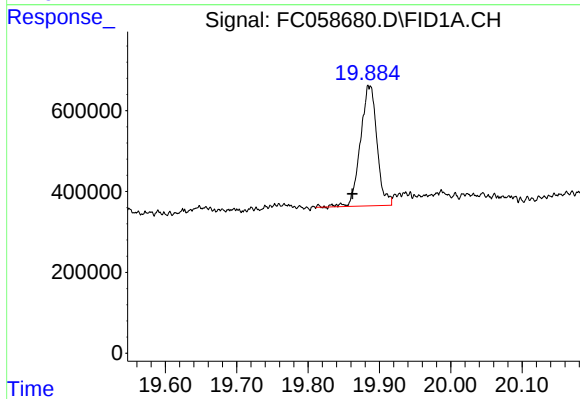
#18 n-Dotriacontane (C32)

R.T.: 18.366 min
Delta R.T.: 0.020 min
Response: 4520860
Conc: 42.04 ug/ml m



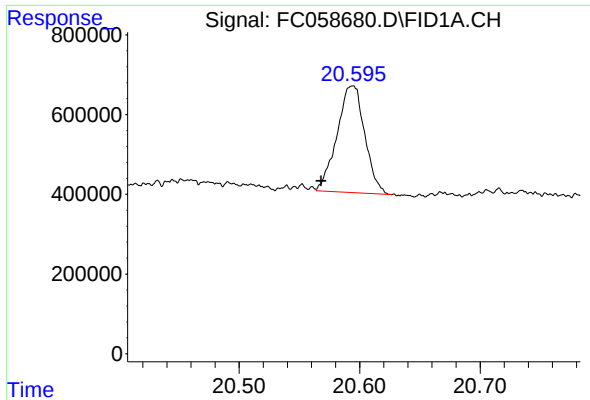
#19 n-Tetratriacontane (C34)

R.T.: 19.147 min
Delta R.T.: 0.021 min
Response: 4778477
Conc: 49.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.886 min
Delta R.T.: 0.024 min
Response: 4793273
Conc: 53.13 ug/ml



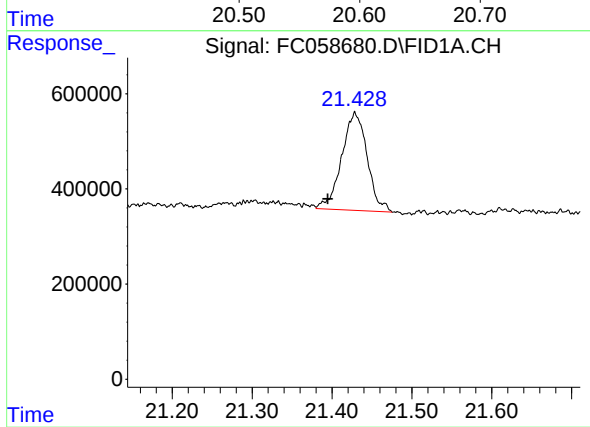
#21 n-Octatriacontane (C38)

R.T.: 20.595 min
Delta R.T.: 0.027 min
Response: 4271642
Conc: 49.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.428 min
Delta R.T.: 0.033 min
Response: 4566588
Conc: 54.42 ug/ml m